Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 17 Aug 2021 until 23:59 on Wednesday 18 Aug 2021

Forecast Issued on Tuesday 17 Aug 2021 at 04:06

Confidence: High confidence of cool, damp conditions today. Low confidence in showers on Thursday and timing of more significant rain during the weekend.

Headline for Tuesday 17 Aug 2021: Cloudy and breezy, with outbreaks of rain and drizzle, gradually easing through this afternoon and evening.

Mountain weather hazards on Tuesday 17 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Light rain	Light rain	Cloudy
Precipitation probability					
80%	70%	60%	60%	40%	30%

Forecast for Tuesday 17 Aug 2021

Weather: Starting with outbreaks of rain, mainly light but with a chance of the odd heavier burst. The outbreaks of rain, joined by drizzle at times, should become lighter and more intermittent this afternoon. Some limited bright spells may develop, these most likely across eastern areas. However, it is expected to remain predominantly cloudy with fog across the peaks. Feeling rather cool with brisk westerly winds and cloud cover.

Chance of cloud free mountain/hill tops above 600m: 10% or less across western areas, while further east 20-30%.

Visibility: Extensive cloud bases 400-600m, making visibility generally poor, or very poor at height. Cloud occasionally lifting to 800m across eastern areas this afternoon, allowing for better visibility here with nearby hills visible.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 17 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/29 W	26/33 W	22/30 W	20/28 W	18/25 W	17/23 W	17/23 W
300	17/24 W	19/26 W	19/29 W	16/25 W	14/22 NW	12/20 W	12/19 W
Valley	12/23 W	14/26 W	15/27 W	12/24 W	11/22 NW	9/20 W	9/19 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	11/7	12/8	12/9	12/9	11/8	11/7
300	12/9	13/10	14/10	14/11	14/11	13/11	12/10
Valley	12/10	13/11	14/12	15/13	14/12	14/12	13/12
Freezing Level*	3300m	3300m	3200m	3100m	3100m	3300m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cool with brisk westerly winds, and gusts of 35-45mph possible at height. Widespread hill fog over the peaks will make navigation difficult, and lower level routes should be considered.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 17 Aug 2021	5.2mm	9.4mm	10.8mm

Forecast for Wednesday 18 Aug 2021

Weather: Cloudy on Tuesday night with some hill fog and drizzle, mainly in the west. Possibly becoming brighter through Wednesday across eastern areas, but remaining rather cloudy across the west with patchy light rain or drizzle lingering.

Maximum wind: West/northwesterly 20-25mph gusting 35-40mph.

Chance of cloud free mountain/hill tops above 600m: 20-30% in the west, 70-80% in the east.

Visibility: Across western areas extensive cloud bases 400-600m, making visibility generally poor, or very poor at height. Cloud occasionally lifting to 800m across eastern areas, allowing for better visibility here with nearby hills visible.

Temperature: **Valleys:** 10 C rising to 20 C in the early afternoon.
At 600m: 10 C rising to 13 C in the early afternoon.
Freezing level: Well above summits.

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